

21730

SEARCH REQUEST FORM

CM1 4E18

Requestor's
Name:

SUBFAKER PATE

Serial

Number:

09/272 916

Date:

NOV 8, 1999

Phone:

308 4709

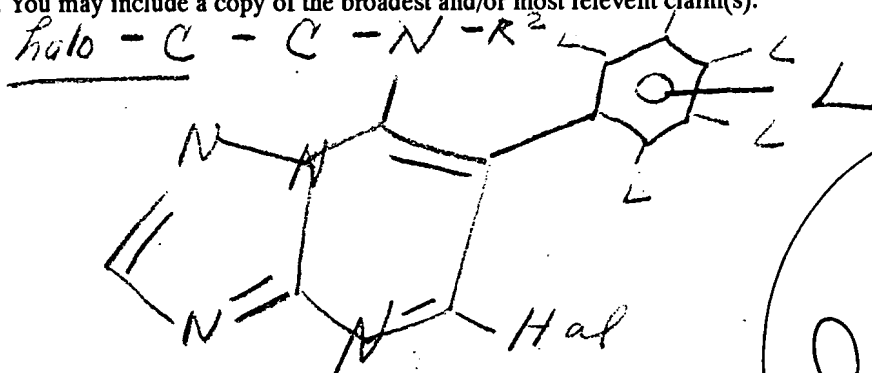
Art Unit:

1611

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

ASAP please.



RUSH

R² = H, C(R/C)

L = H, halo,

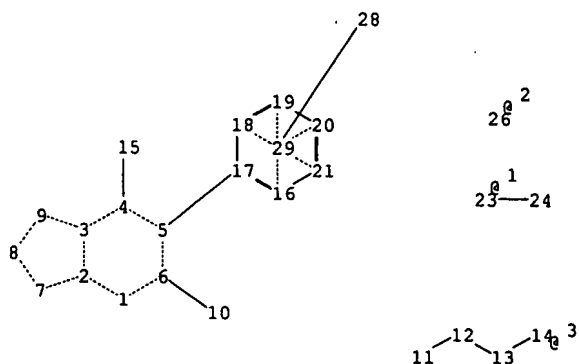
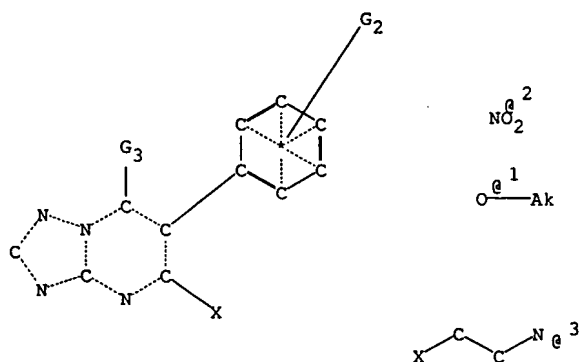
Point of Contact:
John Dantzman
Technical Info. Specialist
CM1 1E05 Tel: 308-4488

L = NO₂ or C₁-C₁₂ alkoxy

(at least one L as the above)

See Claim 1 for remaining L's
if needed.

Hal = any halo, THX
proct

$$= L_1$$


chain nodes :

10 11 12 13 14 15 23 24 26 28

ring nodes :

1 2 3 4 5 6 7 8 9 16 17 18 19 20 21

chain bonds :

4-15 5-17 6-10 11-12 12-13 13-14 23-24

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 16-17 16-21 17-18
18-19 19-20 20-21

exact/norm bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 23-24

exact bonds :

4-15 5-17 6-10 11-12 12-13 13-14

normalized bonds :

16-17 16-21 17-18 18-19 19-20 20-21

isolated ring systems :

containing 1 : 16 :

G2: [*1], [*2]

G3 : X, [*3]

Connectivity :

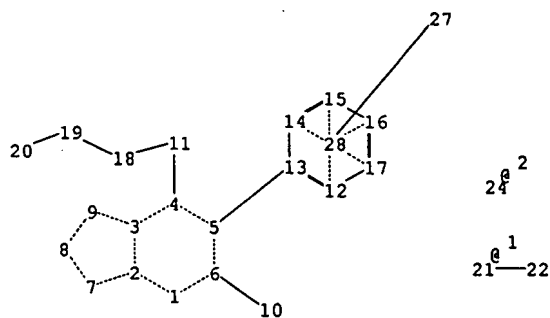
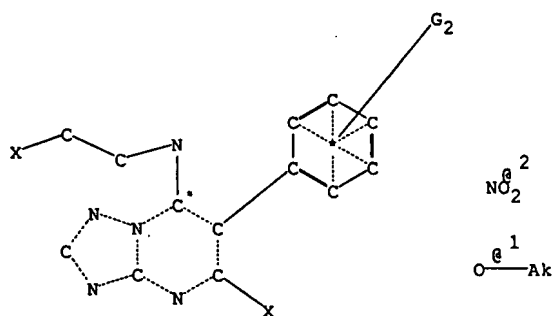
23 : 2ERC

Match level :

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:Atom
17:Atom
```

18:Atom 19:Atom 20:Atom 21:Atom 23:CLASS 24:CLASS 26:CLASS
- 28:CLASS 29:CLASS

STN Structure : patelsub.str = L5



chain nodes :

10 11 18 19 20 21 22 24 27

ring nodes :

1 2 3 4 5 6 7 8 9 12 13 14 15 16 17

chain bonds :

4-11 5-13 6-10 11-18 18-19 19-20 21-22

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 4-11 5-6 7-8 8-9 21-22

exact bonds :

5-13 6-10 11-18 18-19 19-20

normalized bonds :

12-13 12-17 13-14 14-15 15-16 16-17

G2: [*1], [*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:CLASS 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 24:CLASS 27:CLASS
28:CLASS